

STEM Educational Contributions

Fermilab partners with educators to introduce youth to the world of science and trains college and university students in high-tech research and development.

Statistics

K-12 students	FY2012	FY2013
Students participating in activities at Fermilab	19,101	17,075
Students visited in classrooms by Fermilab staff	19,501	26,935
K-12 teachers	FY2012	FY2013
Educators attending workshops at Fermilab	327	257
Educators using the Teacher Resource Center	139	158
Teachers holding summer research internships	9	9

College & university students & adults

Ph.D. degrees received from work at Fermilab	2,015 since 1974
Students involved in on-site programs or internships	About 1,000 every year
Public tour participants	4,810 in 2013



Activities

Fermilab operates a Teacher Resource Center and the Lederman Science Center, a free hands-on science education center that hosts more than 3,000 walk-in visitors and about 10,000 students on field trips every year.

Fermilab staff members serve as mentors to high school students for periods ranging from 6 weeks to 8 months. Students learn how scientists pursue discoveries in science, engineering and computing.

The Saturday Morning Physics program offers a nine-week course for about 300 local high-school students a year.

The national QuarkNet program, led from Fermilab, gives high-school physics teachers and their students hands-on research experience as part of an international scientific collaboration.

The Ask-A-Scientist program puts local residents in touch with physicists, engineers and computer specialists at a monthly open house and special events throughout the year.

Fermilab offers internships for college students studying science, engineering, computing, ecology and science journalism.

Learn more about Fermilab's Education Office at ed.fnal.gov.

